

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
3 February 2005 (03.02.2005)

PCT

(10) International Publication Number
WO 2005/009826 A1

(51) International Patent Classification⁷: **B62D 5/04, 7/02**

(21) International Application Number:
PCT/IB2004/002465

(22) International Filing Date: 2 August 2004 (02.08.2004)

(25) Filing Language: Italian

(26) Publication Language: English

(30) Priority Data:
MO2003A000223 31 July 2003 (31.07.2003) IT

(71) Applicant and

(72) Inventor: GAETANI, Franco [IT/IT]; Via Donizetti, 11,
I-62012 Civitanova Marche (IT).

(74) Agent: CRUGNOLA, Pietro; Luppi Crugnola Bergamini
& Partners S.R.L., Viale Corassori, 54, I-41100 Modena
(IT).

(81) Designated States (*unless otherwise indicated, for every
kind of national protection available*): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,

CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,
ZW.

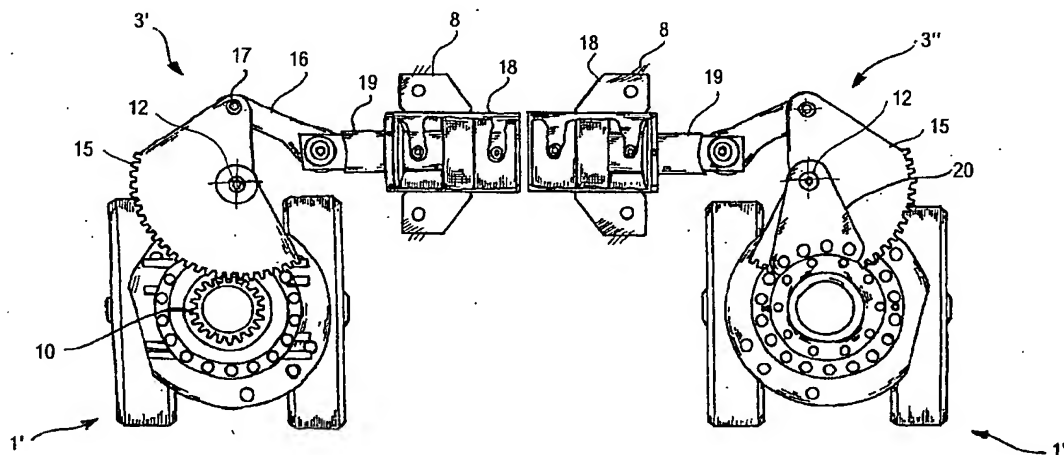
(84) Designated States (*unless otherwise indicated, for every
kind of regional protection available*): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,
FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI,
SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ,
GW, ML, MR, NE, SN, TD, TG).

Published:

- with international search report
- before the expiration of the time limit for amending the
claims and to be republished in the event of receipt of
amendments

For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

(54) Title: STEERING DEVICE FOR STEERING WHEELS



(57) Abstract: A steering apparatus for steering wheels (1) of a vehicle (2) comprises support means (4) arranged for supporting said wheels (1), driving means (27) arranged for rotating said support means (4) around respective longitudinal axis means (Z) and connecting means arranged for connecting said driving means (27) with said support means (4), said connecting means comprising transmission gear means (26); a vehicle comprises steered wheel means (1) and steering means (3) arranged for controlling said steered wheel means (1), said steering means (3) comprising support means (4) arranged for supporting said steered wheel means (1), driving means (27) arranged for rotating said support means (4) around respective longitudinal axis means (Z) and connecting means arranged for connecting said driving means (27) with said support means (4), said connecting means comprising transmission gear means (26).

WO 2005/009826 A1